

## AMENDMENTS TO THE SPECIFICATION

Please insert the following new heading and new paragraph on page 1 just before the heading "BACKGROUND OF THE INVENTION".

### CROSS-REFERENCE TO RELATED APPLICATIONS

Pursuant to 35 U.S.C. § 119(a), this application claims the benefit of earlier filing date and right of priority to Korean Application No. 13910/2001 filed March 17, 2001 the contents of which are hereby incorporated by reference herein in its entirety.

Please replace the paragraph starting on page 2, line 19 with the following:

At an upper surface of the disk a flying head slider 12 including a lens (19) thereon is supported by a suspension arm 14, and one side of the suspension arm is connected to a pick-up unit 17.

Please replace the paragraph starting on page 7, line 19 with the following:

When a reflection material is coated at the cut side (~~S2~~) (s2) and the ellipsoidal side (~~S3~~) (s3), the light passing the symmetrical point (a') is reflected from the cut side (~~S2~~) (s2) and made incident on the ellipsoidal side (~~S3~~) (s3), and again reflected from the ellipsoidal side and converged to the focal point (b) of the ellipsoid position on the cut side.

Please replace the paragraph starting on page 7, line 24 with the following:

Reference numeral (~~S1~~) (s1) corresponds to an incident portion of light. It is necessary to change a form of the incident portion according to a degree that an incident beam is refracted within the ellipsoid.

Please replace the paragraph starting on page 8, line 9 with the following:

Substantially, in an optical recording system, the lens is preferably positioned at a head in this manner, because light (L) generated from a light source can be made incident horizontally on a lens incident portion.

Please replace the paragraph starting on page 8, line 12 with the following:

One side of the lens is formed as a plane of incidence on which light (L) is made incident, and a lower surface of the lens is a first reflection side (~~S2~~) (s2) from which an incident light is reflected, and an upper surface of the lens corresponds to a second reflection side (~~S3~~) (s3), an ellipsoidal side.

Please replace the paragraph starting on page 8, line 23 with the following:

In addition, the height  $[[H]]$  of the lens is very low, and preferably, it can be fabricated to have a height of below 0.3mm, ensuring an ultra-thin type system with an optical recording system of which overall thickness is considerably reduced.

Please replace the paragraph starting on page 9, line 8 with the following:

Figure 4B is a drawing illustrating a lens having a step (A) formed at a focal point in accordance with a second embodiment of the present invention.

Please replace the paragraph starting on page 9, line 10 with the following:

Formation of a step (A) helps to prevent a bad influence to recording and reproducing because an optical interaction takes place between a portion other than the focal point at the bottom surface of the lens and the recording medium and also prevents a contaminant from interfering an optical interaction between the lens and the recording medium.

Please replace the paragraph starting on page 10, line 9 with the following:

Figure 7 is a drawing illustrating a lens having a hologram formed at a plane of incidence (~~S1~~) (s1) in accordance with a fifth embodiment of the present invention.

Please replace the paragraph starting on page 10, line 12 with the following:

As shown in Figure 7, a hologram is formed at the plane of incidence ~~S1~~ (s1) of the lens.

Please replace the paragraph starting on page 10, line 23 with the following:

The light (36) converted to the ~~focussing~~ focusing lens makes an optical magnetic interaction with the surface of the recording medium 38 being rotated by the motor 39, to thereby record or reproduce information.